

Chapter 9 Examining the Query Editor

You have already run queries in several lessons. The primary way to get data into the selected set is to run a query. Several prewritten queries come with NASIS, and whether you intend to write queries or not, you may want to better understand how queries are developed. In this lesson, you will examine the query editor. (Chapter 17 discusses writing queries.)

A query has ownership the same way data mapunits, legends and area types have ownership. Like other owned objects, queries are not loaded until you run a query that retrieves them. You can create, save, and share queries.

Loading the Query Table

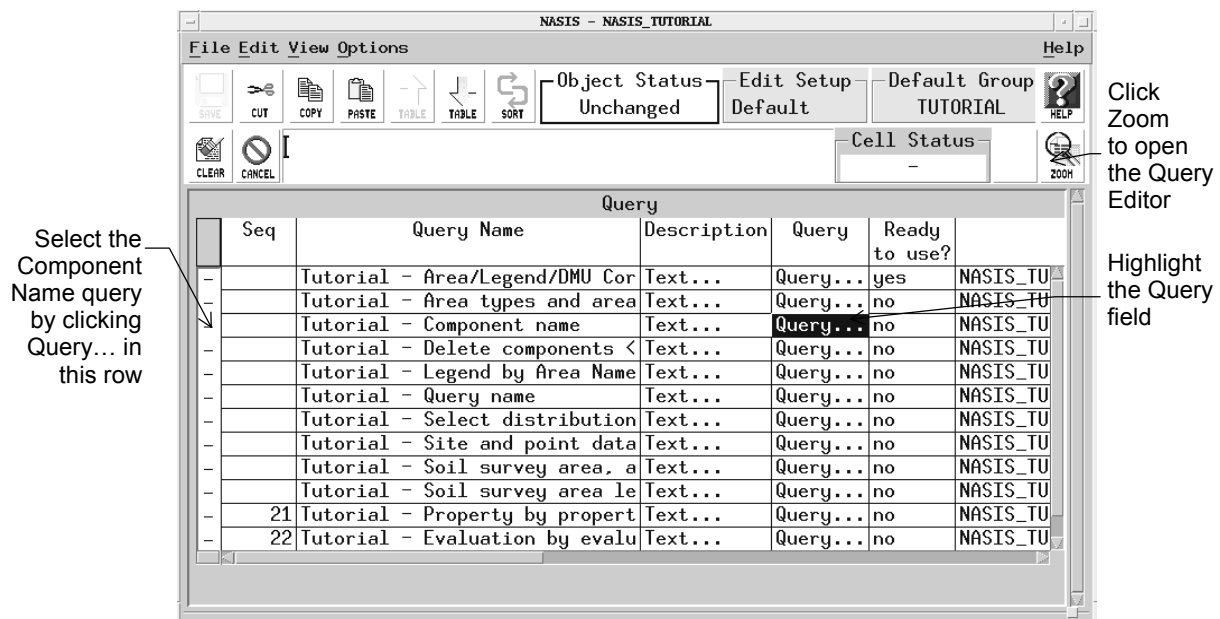
1. On the **File** menu, click **New**, then click **File, Select**.
2. On the Select Manager choose the **Tutorial – Query name** query.
3. Click **Apply**.
4. In the Query Name MATCHES field type **Tut*** then click **Apply**.
5. A message will inform you that 13 rows were added to the Query table. Click **OK**.
6. Click **Cancel** to close the parameters box, then click **Cancel** to close the Select Manager.

Seq	Query Name	Description	Query	Ready to use?	
-	Tutorial - Area/Legend/DMU Cor	Text...	Query...	yes	NASIS_T
-	Tutorial - Area types and area	Text...	Query...	no	NASIS_T
-	Tutorial - Component name	Text...	Query...	no	NASIS_T
-	Tutorial - Delete components <	Text...	Query...	no	NASIS_T
-	Tutorial - Legend by Area Name	Text...	Query...	no	NASIS_T
-	Tutorial - Query name	Text...	Query...	no	NASIS_T
-	Tutorial - Select distribution	Text...	Query...	no	NASIS_T
-	Tutorial - Sites, pedons	Text...	Query...	no	NASIS_T
-	Tutorial - Soil survey area, a	Text...	Query...	no	NASIS_T
-	Tutorial - Soil survey area le	Text...	Query...	no	NASIS_T

Examining a Query

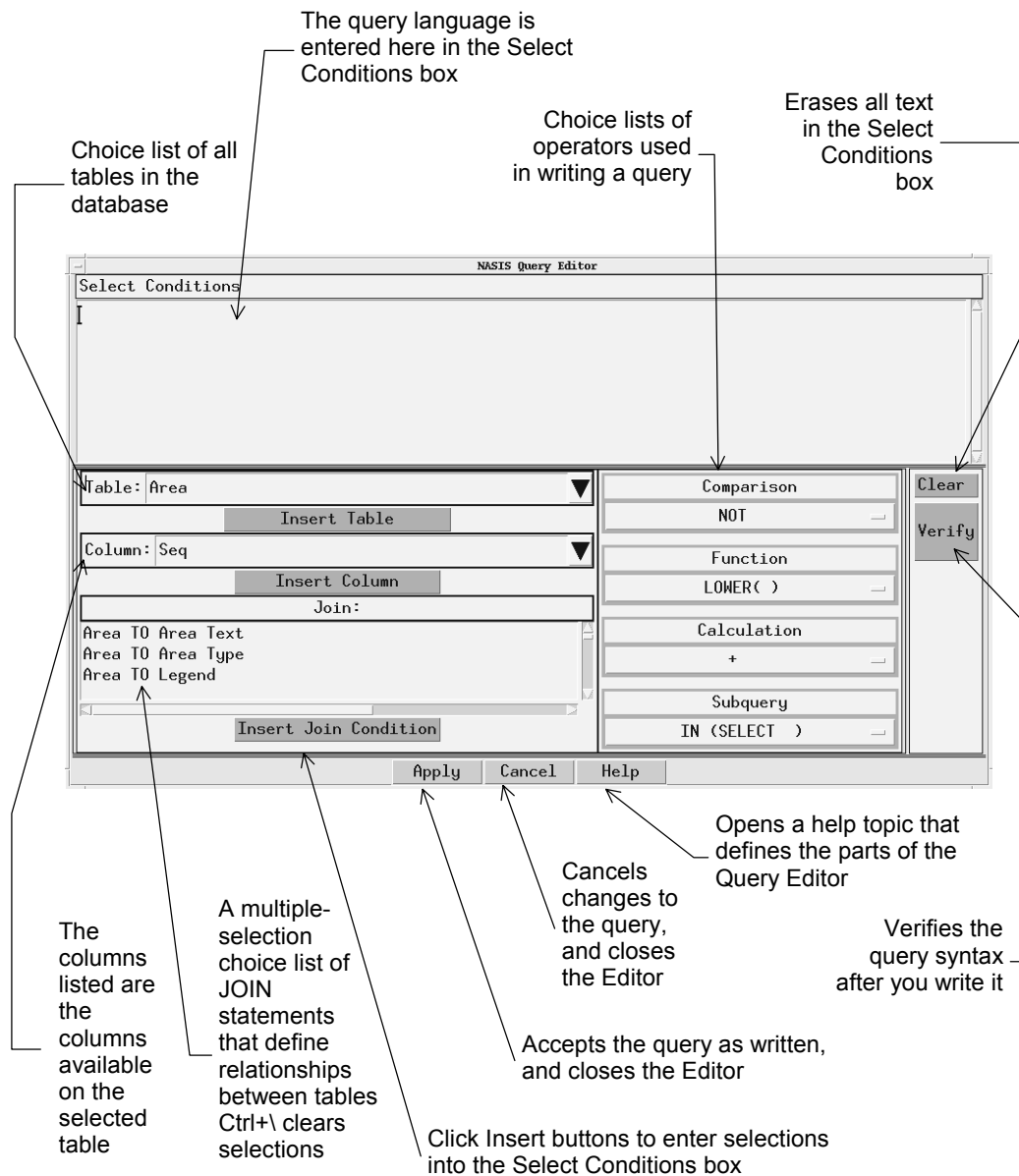
1. From the **View** menu, select **Queries**, then click **Query**.
2. In the **Query** table, click on **Query...** in the **Tutorial - Component name** row.

NASIS Getting Started



3. Click the **Zoom** button to open the Query Editor—a specialized editor for writing NASIS queries.

The NASIS Query Editor appears. Take a moment to examine the parts of this editor.



5. In the **Table** field, click the black triangle button.

Note: A choice list displays all NASIS tables. Table names are selected for a FROM clause. The FROM clause specifies tables from which to select data.



6. With the **Area** table highlighted, click **Insert Table**.

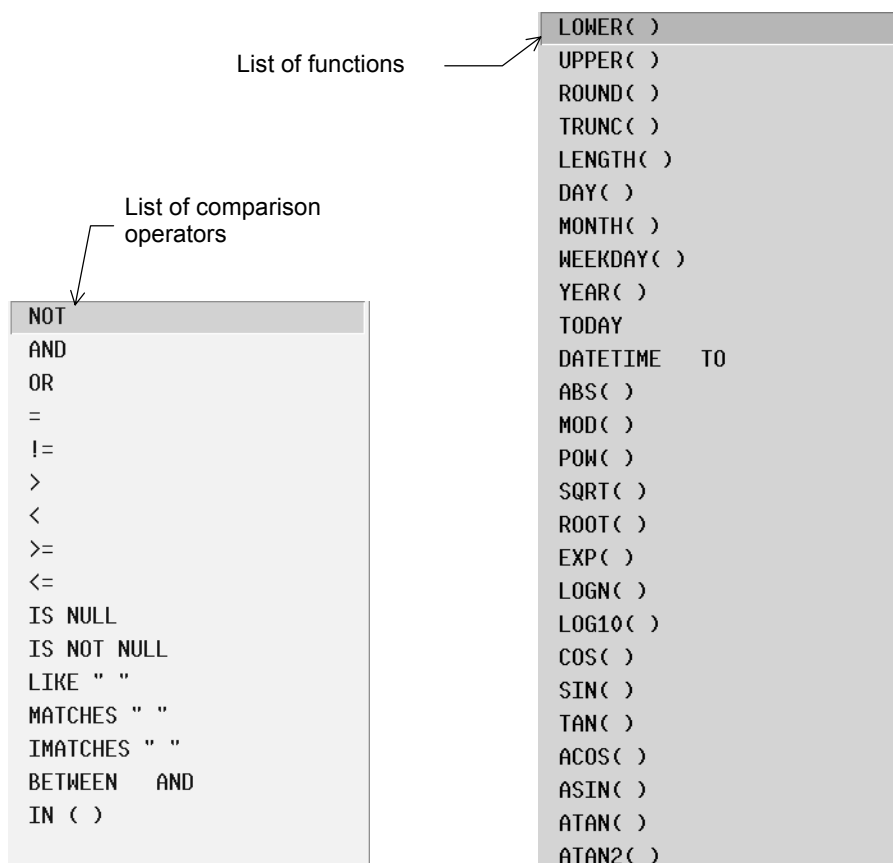
7. In the Column field, click the black triangle button.



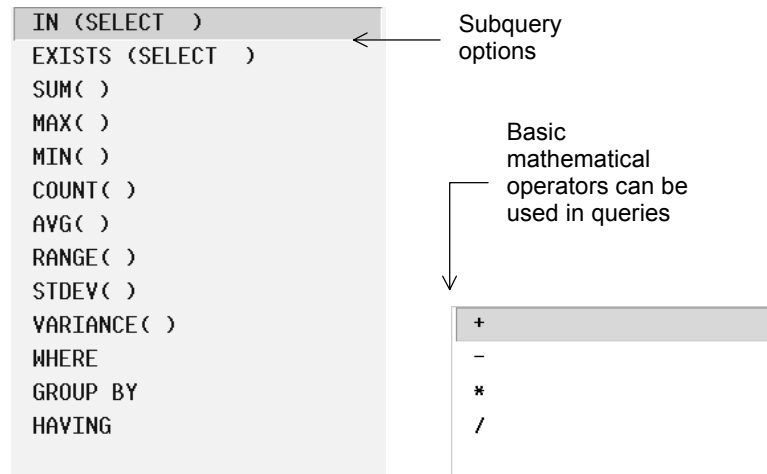
The Column field lists the columns in the table highlighted in the Table field. A scroll bar appears if the table has several columns.

Note: Column names focus action within target tables. The column names and next several items are used in the WHERE clause. The WHERE clause specifies the conditions to be placed on data elements.

8. Click on the small rectangles within the rectangles below Comparison, Function, Calculation and Subquery to display query language elements that you can include in your queries.



Note: The use of comparison operators is sometimes limited by data types. Data types are discussed in Appendix B. Data type information for all table columns in NASIS can be found in the online help system.



9. In addition to viewing the different query language items that can be included in your queries, check out the online help for the Query Editor. Click the **Help** button.
10. After viewing the query editor and online help, click **Cancel** to close the Query Editor.

Note: You have finished this lesson.

